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**RAW SEQUENCE LISTING  
PATENT APPLICATION US/08/219,200**DATE: 05/19/94  
TIME: 09:41:35**INPUT SET: SI020.raw**

**This Raw Listing contains the General Information Section and up to the first 5 pages.**

#87

1                           **SEQUENCE LISTING**2                           **3 (1) General Information:**

5                           **(i) APPLICANT:** Linsley, Peter S  
6                            Ledbetter, Jeffrey A  
7                            Damle, Nitin K  
8                            Brady, William

10                          **(ii) TITLE OF INVENTION:** LIGAND FOR CD28 RECEPTOR ON B CELLS AND  
11                          METHODS

12                          **(iii) NUMBER OF SEQUENCES:** 7

13                          **(iv) CORRESPONDENCE ADDRESS:**

14                          (A) ADDRESSEE: Sheldon & Mak  
15                          (B) STREET: 201 South Lake Avenue, Suite 800  
16                          (C) CITY: Pasadena  
17                          (D) STATE: California  
18                          (E) COUNTRY: United States  
19                          (F) ZIP: 91101

20                          **(v) COMPUTER READABLE FORM:**

21                          (A) MEDIUM TYPE: Floppy disk  
22                          (B) COMPUTER: IBM PC compatible  
23                          (C) OPERATING SYSTEM: PC-DOS/MS-DOS  
24                          (D) SOFTWARE: PatentIn Release #1.0, Version #1.25

25                          **(vi) CURRENT APPLICATION DATA:**

26                          (A) APPLICATION NUMBER: US/08/219,200  
27                          (B) FILING DATE:  
28                          (C) CLASSIFICATION:

29                          **(vii) PRIOR APPLICATION DATA:**

30                          (A) APPLICATION NUMBER: US/07/722,101  
31                          (B) FILING DATE:

32                          **(viii) ATTORNEY/AGENT INFORMATION:**

33                          (A) NAME: Mandel, SaraLynn  
34                          (B) REGISTRATION NUMBER: 31,853  
35                          (C) REFERENCE/DOCKET NUMBER: 7794

36                          **(ix) TELECOMMUNICATION INFORMATION:**

37                          (A) TELEPHONE: (818) 796-4000  
38                          (B) TELEFAX: (818) 795-6321

**ENTERED**

**RAW SEQUENCE LISTING  
PATENT APPLICATION US/08/219,200**DATE: 05/19/94  
TIME: 09:41:45**INPUT SET: S1020.raw**

47  
48 (2) INFORMATION FOR SEQ ID NO:1:  
49  
50 (i) SEQUENCE CHARACTERISTICS:  
51 (A) LENGTH: 39 base pairs  
52 (B) TYPE: nucleic acid  
53 (C) STRANDEDNESS: single  
54 (D) TOPOLOGY: linear  
55  
56 (ii) MOLECULE TYPE: DNA (genomic)  
57  
58 (iii) HYPOTHETICAL: NO  
59  
60 (iv) ANTI-SENSE: NO  
61  
62 (vi) ORIGINAL SOURCE:  
63 (A) ORGANISM: Homo sapiens  
64  
65  
66 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:  
67  
68 CTAGCCACTG AAGCTTCACC ATGGGTGTAC TGCTCACAC 39  
69  
70 (2) INFORMATION FOR SEQ ID NO:2:  
71  
72 (i) SEQUENCE CHARACTERISTICS:  
73 (A) LENGTH: 39 base pairs  
74 (B) TYPE: nucleic acid  
75 (C) STRANDEDNESS: single  
76 (D) TOPOLOGY: linear  
77  
78 (ii) MOLECULE TYPE: DNA (genomic)  
79  
80 (iii) HYPOTHETICAL: NO  
81  
82 (iv) ANTI-SENSE: NO  
83  
84 (vi) ORIGINAL SOURCE:  
85 (A) ORGANISM: Homo sapiens  
86  
87  
88 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:  
89  
90 TGGCATGGGC TCCTGATCAG GCTTAGAAGG TCCGGGAAA 39  
91  
92 (2) INFORMATION FOR SEQ ID NO:3:  
93  
94 (i) SEQUENCE CHARACTERISTICS:  
95 (A) LENGTH: 39 base pairs  
96 (B) TYPE: nucleic acid  
97 (C) STRANDEDNESS: single  
98 (D) TOPOLOGY: linear  
99

**RAW SEQUENCE LISTING  
PATENT APPLICATION US/08/219,200**

DATE: 05/19/94  
TIME: 09:42:01

### **INPUT SET: S1020.raw**

100                         (ii) MOLECULE TYPE: DNA (genomic)  
101  
102                         (iii) HYPOTHETICAL: NO  
103  
104                         (iv) ANTI-SENSE: NO  
105  
106                         (vi) ORIGINAL SOURCE:  
107                             (A) ORGANISM: Homo sapiens  
108  
109  
110                         (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:  
111  
112                         TTTGGGCTCC TGATCAGGAA AATGCTCTTG CTTGGTTGT  
113  
114                         (2) INFORMATION FOR SEQ ID NO:4:  
115  
116                         (i) SEQUENCE CHARACTERISTICS:  
117                             (A) LENGTH: 84 base pairs  
118                             (B) TYPE: nucleic acid  
119                             (C) STRANDEDNESS: single  
120                             (D) TOPOLOGY: linear  
121  
122                         (ii) MOLECULE TYPE: DNA (genomic)  
123  
124                         (iii) HYPOTHETICAL: NO  
125  
126                         (iv) ANTI-SENSE: NO  
127  
128                         (vi) ORIGINAL SOURCE:  
129                             (A) ORGANISM: Homo sapiens  
130  
131  
132                         (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:  
133  
134                         AAGCAAGAGC ATTTCCCTGA TCAGGAGCCC AAATCTTCTG  
135  
136                         CCGTCCCCAG CACCTGAACT CCTG  
137  
138                         (2) INFORMATION FOR SEQ ID NO:5:  
139  
140                         (i) SEQUENCE CHARACTERISTICS:  
141                             (A) LENGTH: 41 base pairs  
142                             (B) TYPE: nucleic acid  
143                             (C) STRANDEDNESS: single  
144                             (D) TOPOLOGY: linear  
145  
146                         (ii) MOLECULE TYPE: DNA (genomic)  
147  
148                         (iii) HYPOTHETICAL: NO  
149  
150                         (iv) ANTI-SENSE: NO  
151  
152                         (vi) ORIGINAL SOURCE:

**RAW SEQUENCE LISTING  
PATENT APPLICATION US/08/219,200**DATE: 05/19/94  
TIME: 09:42:15**INPUT SET: S1020.raw**

153                   (A) ORGANISM: *Homo sapiens*  
154  
155  
156                   (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:  
157  
158       CTTCGACCAAG TCTAGAAGCA TCCTCGTGCG ACCGCGAGAG C                   41  
159  
160                   (2) INFORMATION FOR SEQ ID NO:6:  
161  
162                   (i) SEQUENCE CHARACTERISTICS:  
163                    (A) LENGTH: 47 base pairs  
164                    (B) TYPE: nucleic acid  
165                    (C) STRANDEDNESS: single  
166                    (D) TOPOLOGY: linear  
167  
168                   (ii) MOLECULE TYPE: DNA (genomic)  
169  
170                   (iii) HYPOTHETICAL: NO  
171  
172                   (iv) ANTI-SENSE: NO  
173  
174                   (vi) ORIGINAL SOURCE:  
175                    (A) ORGANISM: *Homo sapiens*  
176  
177  
178                   (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:  
179  
180       CATTGGCACAG TCAAGCTTCC ATGCCCATGG GTTCTCTGGC CACCTTG                   47  
181  
182                   (2) INFORMATION FOR SEQ ID NO:7:  
183  
184                   (i) SEQUENCE CHARACTERISTICS:  
185                    (A) LENGTH: 39 base pairs  
186                    (B) TYPE: nucleic acid  
187                    (C) STRANDEDNESS: single  
188                    (D) TOPOLOGY: linear  
189  
190                   (ii) MOLECULE TYPE: DNA (genomic)  
191  
192                   (iii) HYPOTHETICAL: NO  
193  
194                   (iv) ANTI-SENSE: NO  
195  
196                   (vi) ORIGINAL SOURCE:  
197                    (A) ORGANISM: *Homo sapiens*  
198  
199  
200                   (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:  
201  
202       ATCCACAGTG CAGTGATCAT TTGGATCCTG GCATGTGAC                   39  
203

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**SEQUENCE VERIFICATION REPORT**  
PATENT APPLICATION *US/08/219,200*

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Original Text